

## 5000 Logistics

### 5100 Logistics Section Organization

Refer to Section 5001 of the [REGIONAL CONTINGENCY PLAN \( HTTP://WWW.USCG.MIL/D11/M/RRT9WEB/RCP.HTM \)](http://www.uscg.mil/d11/m/rRT9WEB/RCP.HTM)

### 5110 Logistics Section Planning Cycle Guide

Refer to Section 5001.01 of the [REGIONAL CONTINGENCY PLAN \( HTTP://WWW.USCG.MIL/D11/M/RRT9WEB/RCP.HTM \)](http://www.uscg.mil/d11/m/rRT9WEB/RCP.HTM)

### 5200 Support

The Support Branch Director, when activated, is under the direction of the Logistics Section Chief, and is responsible for development and implementation of logistics plans in support of the Incident Action Plan, including providing personnel, equipment, facilities, and supplies to support incident operations. The Support Branch Director supervises the operation of the Supply, Facilities, Ground Support and Vessel Support Units.

- a. Review Common Responsibilities in the [INCIDENT MANAGEMENT HANDBOOK \( HTTP://WWW.USCG.MIL/HQ/G-M/MOR/PAGE1LANG.HTM \)](http://www.uscg.mil/hq/g-m/mor/page1lang.htm).
- b. Obtain work materials from Logistics Kit.
- c. Identify Support Branch personnel dispatched to the incident.
- d. Determine initial support operations in coordination with Logistics Section Chief and Service Branch Director.
- e. Prepare initial organization and assignments for support operations.
- f. Determine resource needs.
- g. Maintain surveillance of assigned unit work progress and inform Logistics Section Chief of activities.
- h. Resolve problems associated with requests from Operations Section.
- i. Maintain Unit/Activity Log (ICS 214).

### 5210 Supply

The Supply Unit Leader is primarily responsible for ordering personnel, equipment and supplies; receiving, and storing all supplies for the incident; maintaining an inventory of supplies; and servicing non-expendable supplies and equipment.

- a. Review Common Responsibilities in the [INCIDENT MANAGEMENT HANDBOOK \(HTTP://WWW.USCG.MIL/HQ/G-M/MOR/PAGE1LANG.HTM \)](http://www.uscg.mil/hq/g-m/mor/page1lang.htm).
- b. Review Unit Leader Responsibilities in the [INCIDENT MANAGEMENT HANDBOOK \(HTTP://WWW.USCG.MIL/HQ/G-M/MOR/PAGE1LANG.HTM \)](http://www.uscg.mil/hq/g-m/mor/page1lang.htm).
- c. Obtain a briefing from the Support Branch Director or Logistics Section Chief.
- d. Participate in Logistics Section/Support Branch planning activities.
- e. Provide Kits to Planning, Logistics and Finance Sections.
- f. Determine the type and amount of supplies enroute.
- g. Arrange for receiving ordered supplies.
- h. Review Incident Action Plan for information on operations of the Supply Unit.
- i. Develop and implement safety and security requirements.
- j. Order, receive, distribute, and store supplies and equipment and coordinate contracts and resource orders with the Finance Section.
- k. Receive and respond to requests for personnel, supplies, and equipment.
- l. Maintain inventory of supplies and equipment.
- m. Coordinate service of reusable equipment.
- n. Submit reports to the Support Branch Director.
- o. Maintain Unit/Activity Log (ICS 214).

## **5210.1 Oil Response Equipment**

Refer to <http://www.uscg.mil/hq/g-m/nmc/response> for a list of OSROs in the LA/LB COTP zone.

A general listing of Pacific coast pollution response equipment can be found at the Western Response Resource List (WRRL) website: [www.wrri.us](http://www.wrri.us). This website is provided by USCG to provide an equipment inventory site with information provided by participating Oil Spill Removal Organizations (OSRO's) and other organizations with response equipment. OSRO's can subscribe and maintain and update a list of their response equipment at their discretion.

Below lists of local equipment by equipment types.

### 5210.11 Boom

Company	Location	Service	Max Sea State	Make/ Model	Size (in)	Length (ft)	Transportation	Mob. Time
A.M. Pumping	Wilmington	Open	6		8.5 x 12	5,000	Truck	2 HR
	Wilmington	Open	5		6 x 12	6,000	Truck	2 HR
Allwaste	Long Beach		1-2	Harbor Boom	6 x 12	1,000	Truck	1 HR
	Long Beach		1-2	Harbor Boom	8.5 x 12	10,000	Truck	1 HR
Ancon	Wilmington	Open		Harbor Boom	8 x 16 8	2,000 10,000	Trailer	
	Berth 12 Navy Mole			Harbor Boom	6 x 14	1,800	Truck	
	Berth 80, San Pedro			Harbor Boom Harbor Boom	8 x 18 8 x 18	2,000 2,500	Truck Truck	
	Berth 73, Los Angeles			Harbor Boom	8 x 16	1,800	Truck	
Chevron	Platform Gail			Seacurtain Expandi 4300	32	1500 750		
	Platform Grace			Expandi 4300		750		
	El Segundo			Seacurtain Expandi Compacti Expandi Seacurtain	12 x 12 12 x 18 14 x 20 12 x 18 6 x 12	2240 4000 600 1000 8000		
	Estero Bay Mar. Term.			Expandi 4300		1000		
Clean Coastal Waters	San Pedro	Ocean	6	Goodyear	12 x 24	1200		1 HR
	L.A. Berth 168	Ocean	6	Kepner	15 x 16	1000		1 HR
	Platform Esther	Nearshore	4	Expandi 3000	14 x 17	750		1 HR
	El Segundo	Nearshore	4	Expandi 3000	14 x 17	1000		1 HR
	Long Beach	Nearshore	4	Expandi 3000	14 x 17	11,840		1 HR

### Boom

Company	Location	Service	Max Sea State	Make/ Model	Size (in)	Length (ft)	Transportation	Mob. Time
Clean Coastal Waters	Long Beach Berth 59	Ocean	6	Expandi 4300	20 x 30	11,950		1 HR
		Nearshore	5	Expandi 3000	14 x 17	1066		1 HR
	Long Beach	Ocean	6	Expandi 4300	20 x 23	3050		1 HR
		Nearshore	4	Acme	6 x 12	2000		1 HR
		Ocean	5	Sea Curtain	12 x 18	500		1 HR
		Ocean	6	Kepner	12 x 24	4400		1 HR
		Inland	4	American Marine	8 x 16	5700		1 HR
		Inland	4	American Marine	6 x 12	2500		1 HR
		Inland	2	American Boom	3 x 6	2825		1 HR
		Inland	2	American Boom	2 x 6	1000		1 HR
		Inland	2	American Boom	4 x 6	875		1 HR
	L.A. Berth 168	Ocean	6	Kepner	12 x 24	1700		1 HR
	Alamitos Bay	Inland	4	American Marine	8 x 16	800		1 HR
	Newport Bay	Inland	4	American Marine	8 x 16	1500		1 HR
Clean Seas	Carpinteria			Fast curtain boom.	14 x 8	1500	Various	
				Kepner Ocean Boom	36 x 24	1500	Various	
Exxon	Platform Hondo			Seacurtain	18 x 26	1500		
	Platform Hondo (vsl)			Expandi Boom	43	2000		
FOSS	Long Beach			American Marine	8 x 12	25,800		1 HR
				Petro-Barrier	8 x 16	1500		
				Petro-Barrier	12 x 18	2000		
				Vikoma Hi-Sprint	18 x 24	1100		
MSRC	Pt. Hueneme	Open	3	Slickbar	24	6000	Various	2 HR
		Nearshore	2	Texaboom	22	4000	Various	2 HR
		Open	4	Sea Sentry 23/24	67	16,500	Various	2 HR
		Open	5	OSRV/ Oil trawl net		675	Vessel	

**Boom**

Company	Location	Service	Max Sea State	Make/ Model	Size (in)	Length (ft)	Transportation	Mob. Time
Thums	Each Island		4	Expandi 3000	16 12 x 18	2000 1000		
	Long Beach			Foam Filled	6 x 14	1800		
				Expandi 3000	12 x 18	4000		
					6 x 14	3300		
				Foam Filled	10 x 17	1000		
Thums	Long Beach Pier G				16	300		
	Island Grissom			Foam Filled	10 x 17	1000		
UNOCAL	Platform Ester			Expandi 4300		750		
	Platform Edith			Seacurtain	32	1500		
	Platform Gina(boat)			Expandi 4300		750		
	Platform Eva			Expandi 4300		750		
	Platform Henry			Expandi 4300		750		
	Platform Hillhouse			Expandi 4300		1500		
	Platform Hogan			Expandi 4300		1500		
	Avila Pump Station			Expandi 4300		750		
	Avila Pump Station			Minimax 16		1800		

### Boom

Company	Location	service	Max Sea State	make/ model	Quantity	Oil Type	BBLS/ HR	Total BBLS	Transportation	Mob. Time
Chevron	Platform Gail	Open		Walosep (W-1)						
Clean Coastal Waters	Long Beach	Protected	3 /3	Seavac	2	Both		15		
	LB Berth 59	Protected	3 /3	Komara	1	Heavy	89			
		Open	6 /6	Jackson net	1	Both	n/a			
		Open	6 /6	Walosep (W-3)	1	Both	800			
		Open	8 /6	Destroil 210	2	Both	440			
		Open	/3	Walosep (W-1)	1	Both	400			
		Protected	6 /3	Walosep (WM)	1	Both	70	70		
	LB Berth 57	Open	8 /6	GT-185	4	Both	564	2256		
		Open	10 /6	Lori	4	Both	1032	1032		
	LB WHSE	Open	8 /6	GT-185	2	Both	564	1692		
		Open	8 /6	Desmi Ocean	1	Both	629	629		
		Open	10 /6	Lori	1	Both	564	2256		
		Open	10 /6	Lori	1	Both	516	516		
Clean Seas	Carpinteria	Open		ODI	3	Heavy	1071	6427		4 HR
		Protected		Acme 51T	2	Light	400	2000		4 HR
		Light		Acme 39T		Light	340	340		4 HR
		Open		CS Skimmer		Heavy	738	738		4 HR
		Open		Mark II	2	Heavy	158	314		4 HR
		Protected		Oil Mop		Heavy	100	200	Trailer	4 HR
		Protected		Komara Mini		Light	71	71		4 HR
		Open		Lori		Heavy	180	180		4 HR

### 5210.12 Skimmers

Company	Location	service	Max Sea State	make/ model	Quantity	Oil Type	BBLs/ HR	Total BBLs	Transportation	Mob. Time
Clean Seas		Open		GT-185	2	Heavy	282	564		4 HR
		Open		GT 260		Heavy	629	629		4 HR
		Open		Walosep (W-4)	3	Heavy	630	1890		4 HR
		Open		Walosep (W-1)		Heavy	130	130		4 HR
		Open		Lori 2 Belt		Heavy	516	3538		4 HR
		Open		Lori 3		Heavy	773			4 HR
		Open		Ro-Boom		Heavy				4 HR
Exxon	Platform Hondo			GT-185				1600		
FOSS	Long Beach			WP-1 Drum		Heavy	88	88	Truck/VSL	1 HR
				Komara Disc	1	Both	89	89	Truck/VSL	1 HR
				Marco Class 1		Both	105	105	Truck/VSL	1 HR
				Rope Mop(4")		Both	10	20	Truck/VSL	1 HR
				Kebab Disc		Both	28	56	Truck/VSL	1 HR
				Rope Mop(4")		Both	85	85	Truck/VSL	1 HR
MSRC	Pt. Hueneme		5/.	Walosep(w-4)		Both	630	3204	Various	3 HR
			5/.	Transrec 350		Both	2200	10,560	Various	3 HR
			4/.	Vikoma		Both	1256	5664	Various	3 HR
			4/.	GT-185	3	Both	283	1368	Various	3 HR
			4/.	WP-1		Both	440	2064	Various	3 HR
UNOCAL	Avila Pump Station	Protected		51 TGH		Light	400	2000	Various	1 HR

### 5210.13 Vacuum Trucks

Company	Location	Make/Model	Quantity	Storage Capacity (BBLS)	Mob. Time
ACTI	Carson	Black Iron w/roper	2	70	
		Black Iron roll-off		70	
		Stainless steel		130	
		Black Iron	3	130	
		Stainless steel		70	
		Black Iron	2	70	
Ancon	Wilmington	Truck		35	1 HR
		Trucks	75	120	1 HR
		Truck w/tractor		70	1 HR
		Trucks w/tractor	20	130	1 HR
Crosby & Overton	Long Beach	Trucks	16	120	
		Trucks	4	60	
		Trucks	9	35	
		Trucks PCB'S only	3	120	
FOSS	Long Beach	Black Iron Truck		70	1 HR
		Black Iron Trucks	3	120	1 HR
Allwaste	Long Beach	Trucks	3	35	1 HR
		Trucks	2	70	1 HR
		Trucks	16	120	1 HR
C.K.C.	San Ardo	Trucks	3	70	4 HR
		Trucks	12	130	4 HR



#### 5210.14 Government Agency Resources

Agency	Location	Make/Model	Length (FT)	Size (IN)
D11 D.R.A.T.	Novato	AMI Ocean Boom	5000	15 x 24
Long Beach Naval Shipyard	Long Beach	Type II	2000	6 X 18
		Petrol Barrier Boom	5000	6 x 18
Newport Beach Fire Dept.	Newport Beach	Absorbent boom	500	5
Newport Beach Harbor Patrol	Newport Beach	Harbor Boom	1250	2 x 14.5
		Clean Coastal Waters	3000	8 x 15
U.S.C.G. SECTOR LA-LB	Long Beach	Globe boom ED	2600	6 X 12
		Absorbent boom	600	5
		Batam Calm Water	300	3 x 5
MSD Santa Barbara	Santa Barbara	Globe boom ED	2000	6 x 12
		Absorbent boom		5
		Batam Calm Water	150	3 x 5
Pacific Strike Team	Novato	(5) Inflatable boom	6560	19 x 45
Station Channel Islands	Oxnard	Harbor boom	400	6 x 12
		Ocean boom		8 x 15
CG Station Morro Bay	Morro Bay	Harbor boom	2000	8 x 12
		Absorbent boom	120	5

### 5210.15 Skimmers

Company	Location	Service	Max Sea State	Make/ Model	Oil Type	BBLS/ HR	Total BBLS	Transportation	Mob. Time
U.S.C.G. DRAT	Novato	Open	4 /6	Desmi 250 Weir	Both	250 gpm			
Long Beach Naval Shipyard	Long Beach	Protected	3 /3	DIP 3001	Light				
Pacific Strike Team	Novato	Open		GT-185 Weir	Both	200 gpm			
		Open	8/ 10	OWOCS	Both	825 gpm			

### 5210.16 Pumps

Company	Location	Quantity	Make/ Model	Cargo Pump	Dewatering Pump	Capacity (bbls)	Mob Time
Pacific Strike Team	Novato	3	Single stage pump			1500	
		2	Double stage pump			1645	
		2	Thune-Eureka			1800	
		3	Sloane trash pump	X	X	980	
		3	Stripper pump			1330	
		3	Framo TK-5	X	X	1147	
		2	Sand Piper	X	X	140	
		3	Homelite 3" trash pump	X	X	328	
			Multiquip trash pump	X	X	200	
		4	Gormann-Rupp	X	X	200	
		3	Peristaltic pump	X	X	120	
		2	M1	X		14	
		2	M8	X		155	
			M15	X		230	

**5210.17 Support Boats**

Company	Location	Quantity	Make/ Model	Storage Capacity(bbls)	Max Speed (kt)	Length (ft)	Draft (ft)	Mob. Time
SECTOR LA-LB	Long Beach	1	Vessels are available through local units					
Pacific Strike Team	Novato		Munson utility boat	0		32.5	2' 6"	
			TANB Utility Boat	0		21.5	3' 2"	
			Hurricane Rigid Hull	0		17.5	9"	
		2	Avon inflatable boat	0		14.8	9"	
CA Office Of Oil Spill Prevention	Long Beach	2	Munson utility boats	0		32.5	2' 6"	
			Add'l vessels available					

**5210.18 Oil Storage**

Company	Location	Type	Quantity	Make/ Model	Transportation	Capacity (bbls)	Mob Time
Pacific Strike Team	Novato	Bladder	4	Dracone, type F	Trailer	1200	.5 HR
		Bladder	4	Dracone, type O	Trailer	6915	.5 HR
		Barge	38	Coll. Barges	Trailer	625	.5 HR

**5210.19 Government Command Trailers**

Company	Location	Transport	Quantity	Mob Time
Pacific Strike Team	Novato	Truck		1/3 HR
		Trailers	2	1/3 HR
U.S.C.G. SECTOR LA-LB	Long Beach	Trailer	1	.5 HR

### 5210.110 Government Communications

Company	Location	Make/Model	Quantity	Modulation Frequencies	Mob Time
Pacific Strike Team	Novato	IMARSAT Telesystem (TCS-9200)			.5 HR
		Spectra VHF base station	8		.5 HR
		Saber VHF radios	3	Programmable	.5 HR
		VHF/UHF repeater systems	2		.5 HR
		Magellan GPS Navy 1000	2		.5 HR
		Cellular phones	5		.5 HR
USCG SECTOR LA-LB	Long Beach	Motorola Spectra radio base	1		.5 HR
		Cellular phones			.5 HR
		Saber VHF radios		programmable	.5 HR

**5210.111 Work Boats**

Company	Location	Make/Model	Quantity	Storage Capacity (BBLs)	Max Speed Knots	Length	Draft	Mob. Time
Ancon	LA-LB Harbor	Tank Ship				73		
		2 Reel Boom				45		
		Barge				140		
		Barge				32		
		Vikoma Seapack				26		
Clean Coastal Waters	LB Berth 59	Response I		0	20 +	34	2' 8"	1 HR
		Response II		8	20 +	34	2' 8"	1 HR
		Response III		15	20 +	34	2' 8"	1 HR
		Clean Waters I		3304	10.5	145		5 HR
	LB Berth 57	Recovery I		2000	12	100	6' 5"	1 HR
		Recovery II		2000	12	100	6' 5"	1 HR
		CCW Spirit		600	16	72	5' 9"	1 HR
		Recon 1 FRB		0	20	42	3' 8"	1 HR
		Recon 2 FRB		0	20	42	3' 8"	1 HR
		Recon 3 FRB		0	20	43	3' 10"	1 HR
		Recon 4 FRB		0	20	43	3' 10"	1 HR
Clean Seas	Carpinteria	Mr. Clean IIII		1200	12	181		¼ HR
		Mr. Clean II		1800	10	156		¼ HR
		Mr. Clean		1400	10	136		¼ HR
FOSS	Long Beach	Monarch Boom Carrier		0	18	34	3	1 HR
Long Beach	Long Beach	Munson VOSS fast Response	2	0	25	16	3	1 HR
MSRC	Pt. Hueneme	CA Responder		4000	12	208	13	2 HR

### 5210.112 Support Vessels

Company	Location	Make/ Model	Quantity	Storage Capacity (BBLs)	Max Speed	Length	Draft	Mob. Time
Allwaste	Long Beach	Work Skiffs - with motors	2	0		16'	1'	
		Work Skiffs- no motors	8	0		16'	1'	1 HR
		Boom Boat W/2 motors		0		22'	3'	1 HR
Ancon	LA-LB Harbor area	Crew boat w/A frame				65'		
		Workboat w/dive equip.				39'		
		Inspected work boat				39'		
		Inspected water taxi	2			35'		
		Inspected water taxi				32'		
		Blackman (350 V8)				20'		
		Alum. Work boat				15'		
		Raddan work boat				17'		
		Carolina Skiff (outboard)				14'		
		Carolina Skiff (outboard)				14'		
	LA-LB Harbor area	Zodiacs	4			10'		
		Punts	15			12		
		Work boats				104'		
		Crew boat	4			65'		
		Work boat				107'		

### Support Vessels

Company	Location	Make/ Model	Quantity	Storage Capacity (BBLs)	Max Speed	Length	Draft	Mob. Time
Clean Coastal Waters	LB Berth 59	Aluminum work boat	1	7	20	21'	1' 6"	1 HR
		Aluminum work boat	2	0	20+	18'	1' 6"	1 HR
	Storage Yard	Aluminum work boat	1	0	20+	21'	1' 6"	4 HR
		Aluminum work boat	1	0	20+	20'	1' 6"	4 HR
		Acme boats	2	0	20+	16'	1' 6"	4 HR
		Aluminum work boat	2	0	20+	16'	1' 6"	4 HR
		Aluminum work boat	1	0	20+	14'	1' 6"	4 HR
Crosby & Overton	Long Beach	Punts	20					2 HR
		Punts	20					2 HR
		Skiffs	8					2 HR
		Skiffs	8					2 HR
Clean Seas	Clean Seas Yard	Aluminum skiffs w/ o/b	2	0	20	15-18'		1 HR
		FSRB(Dash)		0	18	45'		1 HR
		Monark Utility boat w/ o/b	2	0	20	21'		1 HR
		Avon rubber raft w/ o/b		0	20	10		1 HR
		Avon rubber raft w/ o/b	2	0	20	18'		1 HR
		Carson Rigid hull inflatable		0	25+	18		1 HR
		FSRB(Dawn)		0	18	46'		1 HR
		High speed supp. Boat w/ o/b	2	0	30	32		1 HR
		Willard Marine 7.3 rib		0	30+	23'		¼ HR

### Support Vessels

Company	Location	Make/ Model	Quantity	Storage Capacity (BBLs)	Max Speed	Length	Draft	Mob. Time
FOSS	Long Beach	Aluminum skiffs	14		10	14'	2'	1 HR
		Command skiff			40	21'	3'	1 HR
		Skiffs w/ o/b	8			14'	2'	1 HR
		Tractor Tug			14	96'	16'	1 HR
		Tugs	9		14	96'	13'	1 HR
		Ramp barges	3			210'	14'	2 HR
International Tech.		Punts w/ motors	10			8'		
Sylvester Tug	Morro Bay	Tug w/ 1000 ft of expandi boom and 200 ft of zoom boom		0				



### 5210.113 Oil Storage

Company	Location	Type	Max Sea/ Min Water	make/ model	Quantity	Capacity (BBLs)	Transportation	Mob. Time
ACTI	Carson	tank			20	500		
		Frac tank			20	500		
Allwaste	Long Beach	Tank		Tank	4	155	Truck	1 HR
Ancon	Wilmington	Tank		Containers	300	500		
		Tank		Barge		8000		
		Tank		Inland Storage		100,000		
		Tank		73FT. Tank Ship		200		
Clean Coastal Waters	L.B. Berth 59	Floating Bag	8 /5	Kemper	2	28		2 HR
	Long Beach	Floating Bag	8 /5	Dracones	3	28		1 HR
Clean Seas	Carpinteria	Tank		Fast Tanks	12	57		
		Floating Bag		Dracones		140		
		Floating Bag		Kepner	4	28		
		Floating Bag		Kepner	3	120		
		Floating Bag		Rigid Dracones	4			
	Santa Barbara	Barge		Tid-Mar VII		7840		

### Oil Storage

Company	Location	Type	Max Sea/ Min Water	make/ model	Quantity	Capacity (BBLs)	Transportation	Mob. Time
FOSS	Long Beach	Barge		PT &S 36		13,500	Towed	2 HR
		Barge		PT &S 173		10,000	Towed	2 HR
		Barge		FOSS 111		20,000	Towed	2 HR
		Barge		FOSS 208		17,500	Towed	2 HR
		Barge		Pt. Marshfield		10,000	Towed	2 HR
		Barge		Double Wall, Polly Tank		250	Truck	1 HR
International Tech.	Wilmington	Tank		Tank	6	19	Truck	1 HR
		Tank		Vacuum Tank	3	100		
		Tank		Vacuum Tank	1			
MSRC	Pt. Hueneme	Barge	5 /6	Barge 320		32,000	Tug of Opp.	4 HR
		Barge	3 /6	Shuttle Barge Sys		1200	Truck	3 HR
		Barge	4 /6	EFC TSB (LARGE)		3000	Various	4 HR
		Barge	4 /6	EFC TSB(SMAL L)		500	Various	4 HR
		Tank	5 /6	OSRV CA Responder		4000	Vessel	4 HR
UNOCAL	Platform B	Floating Bag				9		
	Avila Pump Station	Containm ent Bag				28		

### 5210.114 Sorbents

Company	Location	Type	Quantity
Ancon	Wilmington	Pads	200 Bales (200/bale)
		Absorbent boom	10,000' (8"D X 10'L)
FOSS	Long Beach	Absorbent boom	3000' (8"D X 10'L)
		Rolls	100 Rolls (38"w x 144'l x 3/8"t)
		Absorbent boom	2000' (5"D X 10'L)
		Pads	500 Bales (17" x 19" x 3/16")
		Pillows	25 Bales (5" x 14" x 25")
		Sheets	100 Bales (17" x 19" x 3/16")
		Sweep	80 Bales (17"w x 100'l x 3/8"t)
		Snare	150 Boxes(on poly line)
International Tech.	Wilmington	Absorbent boom	1000' (6"D)
		Absorbent Pads	100 Bales (8" x 18" x 12 doz)
Clean Coastal Waters	Berth 59/57 & Storage Yard	Absorbent Pads	70 Bales
		Absorbent boom	3900'
Allwaste	Long Beach	Absorbent boom	16,000' (8"D X 10'L)
		Absorbent boom	1200' (2"D X 10'L)
		Absorbent Pads	800 Bales (18" x 18" x 3/16"t)
		Oil Snare	600 Boxes

### 5210.115 Pumps

Company	Location	make/ model	Quantity	Capacity (GPM)	Cargo Pump	Dewatering Pump	Mob. Time
Allwaste	Long Beach	4" Goodwin Pump	2	300	X		1 HR
		4" Goodwin Pump	1	300		X	1 HR
		6" Goodwin Pump	5	1250	X		1 HR
		8" Goodwin Pump	2	1600	X		1 HR
Ancon	Wilmington	MPC Hydraulic Pump		1800			
		Guzzler Hydraulic Pump		1200			
		4" 20 HP Electric Trash Pump					
		3" High Pressure Pump					
		Hydraulic Pump		350			
		½" Diaphragm pneumatic pump					
		M15 pneumatic pump	15				
		M15 Chemical pumps	2				
	Wilmington	Submersible electric pump	25				
		3" Gas portable w/75 ft hose					
		2" Diaphragm pneumatic pump					
Clean Coastal Waters	Clean Waters I	FRAMO TK-5		1257	X	X	½ HR
		M15		343	X	X	½ HR
	CCW Spirit	FRAMO TK-150		1257	X	X	1 HR
	Recovery I	Desmi DOP 250	2	629	X	X	1 HR
	Recovery II	Desmi DOP 250	2	629	X	X	1 HR
	Storage yard	M15		343	X	X	1 HR

### Pumps

Company	Location	make/ model	Quantity	Capacity (GPM)	Cargo Pump	Dewatering Pump	Mob. Time
	Storage yard	Trash Pump		875		x	1 HR
Clean Seas	Carpinteria	FRAMO TK-150	2	600			4 HR
		Desmi Oil Pump 250	4	440			4 HR
Crosby & Overton	Long Beach	6" Trash pump, diesel	6	1500			
		M15 Wilden	20	265			
		10" Trash pump, diesel	4	2500			
		M8 Wilden	30	180			
		150 LB air turbine pump					
FOSS	Long Beach	M8 Pump	10	155	X	X	1 HR
		Gorman Rupp- Electric 4"	2	200	X	X	1 HR
		Gorman Rupp- Diesel 6"	2	1200	X	xX	1 HR
		M2 Air actuated pumps	3	30	X	X	1 HR
		M15 Pumps	20	230	X	X	1 HR
		4" Hydraulic Submersible		250	X	X	1 HR
MSRC	Pt. Hueneme CA Resp.	CCN-150		440	X		2 HR
		DOP 250		440			2 HR
	Pt. Hueneme	DOP 250	4	440	X		3 HR

**5210.116 Dispersants**

Company	Location	Type	Method Of Dispersing	Quantity	Mob. Time
Clean Seas	Tank wagons	Corexit 9527		9000 gal stored in CS yard, vans, & OSRV'S	
		Corexit 9527		9000 GAL.	
Clean Coastal Waters	LB CCW Storage yard	Corexit 9527		6300 gal. In drums	4 HR
CCW cont.	LB Berth 59	Corexit 9527		800 gal. In storage tanks	1 HR
	Mesa, AZ	Corexit 9527		2000 gal.	6 HR
MSRC	Pt. Hueneme	TBD			

### 5210.117 Response Personnel

Company	Location	Mobilization Time						
		1 Hour	6 Hour	12 Hour	24 Hour	48 Hour	72 Hour	96 Hour
LEVEL A								
ACTI	Long Beach	10	10	10	20	20	46	100
Ancon	Long Beach	0	0	10	10	10	10	10
FOSS	Long Beach	6	6	12	12	12	12	12
Allwaste	Long Beach	5	5	20	20	20	30	30
LEVEL B								
ACTI	Long Beach	10	10	10	20	20	46	100
Ancon	Long Beach	0	0	10	10	10	10	10
FOSS	Long Beach	20	20	50	50	50	50	50
Allwaste	Long Beach	20	30	60	100	100	150	150
LEVEL C								
ACTI	Long Beach	40	40	60	80	399	300	300
Ancon	Long Beach	55	55	70	70	300	560	560
FOSS	Long Beach	40	40	60	80	120	300	300
Allwaste	Long Beach	50	100	100	120	150	200	300
Clean Coastal Waters	Storage Yard	38	0	50	0	0		
LEVEL D								
ACTI	Long Beach	40	40	60	80	399	300	300
Ancon	Long Beach	55	55	70	70	300	560	560
FOSS	Long Beach	45	45	80	120	360	520	520
Allwaste	Long Beach	50	100	100	120	150	200	300

### Response Personnel

Clean Coastal Waters	Storage Yard	38	0	50	0	0		
* Notes:	1) All personnel in appropriate PPE level, and completed OSHA required training.							
	2) Washdown support personnel are included but not counted as this level's response personnel.							
	3) All personnel counted include all personal equipment, transportation, and necessary tools.							

### 5210.118 Command Posts

Company	Location	Description	Quantity	Mob. Time
Allwaste	San Ardo	Mobile Command Center	1	4 HR
	Long Beach	Emergency Response Center	2	1 HR
		Decon Trailers	1	1 HR
Ancon	Wilmington	30' Mobile home	1	
FOSS	Long Beach	Trailers	2	
		10' Portable office		
MSRC	Pt. Hueneme	Truck		3 HR
		Mobile Command Suite		3 HR
Clean Coastal Waters	CCW Storage Yard	25' Mobile Command Center		1 HR
		27' Mobile Command Center		1 HR



## **5210.2 Hazardous Substance Response Equipment**

Refer to <http://www.uscg.mil/hq/g-m/nmc/response> for a list of OSROs in the LA/LB COTP zone.

## **5220 Facilities**

### **5220.1 Incident Command Post Options**

#### **5220.11 Northern Sector**

##### **5220.11.1 PIEDRA BLANCAS POINT, DOI, NATIONAL BIOLOGICAL SERVICES FACILITY**

ADDRESS: San Simeon, CA 93452  
PHONE: (805) 927-3893 [0800-1730]  
POC: Dr. Norman Scott, Project Leader  
Galen Rathbun, Research Scientist  
Brian Hatfield

AVAILABILITY: Year round.

PHYSICAL DESC: Former USCG Peidras Blancas lighthouse station. Structures include lighthouse and generator hut (generator mothballed); library/conference room.

COMMS. CAPABILITY: 2 phones in offices. Nearby antenna from includes phone company patch boxes may be configurable to multiplexed landline system and/or satellite uplinks.

SECURITY: Entrance road normally locked by keypad security device (combination = "4991")

LOGISTICS: Limited water and restroom facilities. Beach is directly accessible and is used with RHI; however, beaches are inundated with elephant seals between the months of January and June.

PARKING: 10 existing parking spaces, 3+ acres are located adjacent to US Navy Buildings.

COST: Unknown.

##### **5220.11.2 HEARST-SAN SIMEON STATE MONUMENT**

ADDRESS: 750 Hearst Castle Road  
San Simeon, CA 934552  
PHONE: (805) 927-2068 [24 hrs]  
(805) 927-2069 [24 hrs]  
POC: John Melvin, Supervising Ranger  
Jim Van Shamus, Chief Ranger

Bill Kramer, Operations Manager

Debra Weldon, Director

AVAILABILITY: Year-round. Public use peaks between Memorial Day and Labor Day.

PHYSICAL DESC: Conference room for 10-12 people. 6-8 folding tables, 50 folding chairs. Visitor center includes restrooms, restaurants and a theater. Nearby town of San Simeon has numerous motel and dining facilities.

COMMS. CAPABILITY: 100+ truncated phone lines in place now (used for touring reservations). 3 fax lines.

SECURITY: Reserve LE personnel available at about \$100/40 hrs.

LOGISTICS: Easy highway access.

PARKING: Parking exists for several hundred cars, including special areas for buses and supply trucks. Parking areas are well lit and paved.

COST: Park is the number one moneymaker for the state during peak summer months (80K-100K per day). Disruption of the monument's earnings may incur additional costs to RP liabilities.

### **5220.11.3 HEARST STATE BEACH**

ADDRESS: 750 Hearst Castle Road  
San Simeon, CA 93452

PHONE: (805) 927-2068 [24 hrs]  
(805) 927-2069 [24 hrs]

POC: John Melvin, Supervising Ranger  
Jim Van Shamus, Chief Ranger  
Bill Kramer, Operations Manager  
Debra Weldon, Director

AVAILABILITY: Year-round day use. Public use peaks between Memorial Day and Labor Day. Available to USCG on long-term, 24 hr basis.

PHYSICAL DESC: State beach is located directly across the highway from Hearst-San Simeon State Monument visitor center. Potable water, 4 restrooms, 6-8 folding tables, 50 folding chairs. Beach includes an operable pier accessible by boat and land vehicles. No hoist available.

COMMS. CAPABILITY: Entrance station equipped with 800 MHz radio comms. Two phone lines in place now: one at entrance and one at concession stand. 110 AC available.

SECURITY: Reserve LE personnel available at about \$1000/40 hr. Additional staff personnel available at about \$400/40 hrs.

LOGISTICS: Facility can be entirely cleared by park personnel within 24-hours.

PARKING: 100+ vehicles on paved lots. Adjacent, level dirt area is available.

COST: Reserve LE personnel available at about \$1000/40 hrs.

**5220.11.4 COLEMAN DRIVE/MORRO ROCK PARKING AREA,  
MORRO BAY, CA**

ADDRESS: City of Morro Bay  
Morro Bay, CA

PHONE: (805) 772-6254 [MBPD] NOTE: contact  
Morro Bay Police Department.

POC: Dick Rodgers, Chief Harbor Officer  
Jim Kroll, Harbor Officer

AVAILABILITY: Year-round

PHYSICAL DESC: Approximately 8-acre unpaved. Drainage fair, may be unsuitable as staging area during heavy rains. 2 WPBs stationed nearby.

COMMS. CAPABILITY: Pay phone on site.

SECURITY: No gate, but entrance is controllable.

LOGISTICS: No restroom, showers or lighting available. Potable water available via 2-inch line.

PARKING: 300+ spaces. Plenty of parking for large trucks. Good helo landing sites available.

**5220.11.5 INN AT MORRO BAY, MORRO BAY CA**

ADDRESS: 60 State Park Road  
Morro Bay, CA 93442

PHONE: (805) 772-5651 [24 hrs]  
(805) 772-4779 [fax]

POC: Scott Zachary, Director of Sales and  
Marketing  
John Woodruff, General Manager

AVAILABILITY: Year-round

PHYSICAL DESC: Local motel: 96 rooms, 4 conference rooms, 4 multi-use spaces.

COMMS. CAPABILITY: 6+ phone lines, 2 fax lines, Internet connection with e-mail.

SECURITY:

LOGISTICS: Facility has full-service restaurant and offers off-site catering. Laundering available on site. Inn has small boat dock. 35 tables and 130 chairs.

PARKING: 200+ vehicles.

COST: Offers government rate (about \$79/night; negotiable)

#### **5220.11.6 BLUE SAIL INN, MORRO BAY CA**

ADDRESS: Morro Bay, CA 93442

PHONE: (805) 772-2766 [24 hrs];

Fax (805) 772-8406

POC: Bob Luellen, Manager

AVAILABILITY: Year-round.

PHYSICAL DESC: Local motel; 48 rooms, no conference rooms.

COMMS. CAPABILITY: Truncated phone line, 1 fax line.

SECURITY:

LOGISTICS: 110 AC and 220 AC available. Facility has no restaurant on site.

PARKING: 60+ vehicles.

COST: Offers government rate (about \$55/weeknights. negotiable)

#### **5220.11.7 EDGEWATER INN, PISMO BEACH, CA**

ADDRESS: 280 Wadsworth Ave.

Pismo Beach, CA 93449

PHONE: (805) 773-4811 [24 hrs]

(805) 773-5121 [fax]

POC: Gene Strand, Director of Sales

AVAILABILITY: Year-round.

PHYSICAL DESC: Local motel: 100 rooms, 1 conference room.

COMMS. CAPABILITY: Truncated phone lines, 1 fax line.

SECURITY:

LOGISTICS: No restaurant on site. Direct beach access. Coin laundry on site.

PARKING: 150+ vehicles.

COST: Corporate rate available.

#### **5220.11.8 SPY GLASS INN, PISMO BEACH, CA**

ADDRESS: 2705 Spyglass Drive

Pismo Beach, CA 93449

PHONE: (805) 773-4855  
(800) 824-2612 [24 hrs]  
(805) 773-5298 [fax]  
POC: Jim Guthrie, Manager  
AVAILABILITY: Year-round.  
PHYSICAL DESC: Local motel: 82 rooms, 1 conference room (50 person maximum occupancy)  
COMMS. CAPABILITY: Truncated phone lines, 1 fax line.  
SECURITY:  
LOGISTICS: 110 AC and 220 AC available. No laundry on site. Restaurant on site.  
PARKING: About 50+ vehicles.  
COST: Corporate rate available (about \$69/night).

**5220.11.9 VANDENBERG AIR FORCE BASE, CA**

ADDRESS: Support Group Commander  
1031 California Blvd., Ste. C203  
Vandenberg AFB, CA 934373-36250  
PHONE: (805) 606-1011 [base operator]  
Ext. 64602 (Support Group Commander's office)  
POC: 30 SW/XPO (Plans) Ext. 56344  
AVAILABILITY: Year-round. 24 hours.  
PHYSICAL DESC:  
COMMS. CAPABILITY: Call for info  
SECURITY:  
LOGISTICS:  
PARKING:  
COST:

**5220.11.10 SANTA BARBARA INN, SANTA BARBARA CA**

ADDRESS: 901 Cabrillo Blvd.  
Santa Barbara, CA 93103  
PHONE: (805) 966-2285 [24 hrs]  
(800) 231-0431 [24 hrs]  
(805) 966-6584 [fax]  
POC: Jacqueline Villamil, Director of Sales

Bruce Cameron, General Manager

AVAILABILITY: Year-round. Peak occupancy during summer months and holidays.

PHYSICAL DESC: Local motel: 71 rooms, 6 full kitchens, on site restaurant, 1 conference room (Max. 100), lawn reception area (max.300), 3 small conference rooms.

COMMS. CAPABILITY: Truncated phone lines, 3 fax lines, Internet connection with e-mail.

SECURITY:

LOGISTICS:

PARKING: 110 vehicles max. Parking not controlled.

COST: Room rates and meeting space prices will be determined on a case by case basis, always keeping in mind the nature of the situation we will be in if there is an emergency. Our staffing is done according to the number of guests staying at our hotel. Should the Coast Guard require additional staff we would bill you the extra labor required by your group as per Director of Sales.

**5220.11.11 PORT HUENEME NAVAL BASE, OXNARD, CA**

ADDRESS: U.S. Navy  
Combat Battalion Center  
Port Hueneme, CA 93043

PHONE: (805) 982-4711 [0800-1700]  
General Information  
(805) 982-4576;  
[982-2007 – CDO via Quarterdeck]  
(805) 982-2098 [Logistics]

POC: Bill Langer, Logistics  
(cell; 805-312-2373/emerg only)

AVAILABILITY: Year-round.

PHYSICAL DESC: Deep water U.S. Naval port facility.

COMMS. CAPABILITY: Multiple, truncated lines available throughout base.

SECURITY: Gate guards, 24 hr security.

LOGISTICS:

PARKING: Dedicated vehicle parking areas throughout base can accommodate thousands of cars and trucks.

COST:

**5220.11.12      SAN LUIS OBISPO COUNTY EMERGENCY  
OPERATION CENTER**

ADDRESS:                      Hwy 1 – adjacent to Camp San Luis  
                                     SLO Sheriff Dispatch Center  
                                     P.O. Box 32  
                                     San Luis Obispo, CA 93406

PHONE:                        (805) 549-9172  
                                     SLO Sheriff Dispatch (805) 781-4550

POC:                            George Brown,  
                                     SLO OES (805) 781-5005/5773

AVAILABILITY: Year-round.

PHYSICAL DESC: 2 Floor command center, various conference rooms

COMMS. CAPABILITY: Multiple, truncated lines through out building, various state & county emergency radio freq, marine VHF-FM channels 06,12,16,22A, 83A, and amateur short-wave radio.

SECURITY: Secured building w/ restricted access, manned 24 hr day.

LOGISTICS: Small kitchen, no sleeping accommodations.

PARKING: 20+ vehicles.

COST: No cost.

**5220.12    Southern Sector**

**5220.12.1 LOS ANGELES HARBOR, WHARFINGER/LIBERTY  
HILL PLAZA BUILDING**

ADDRESS:                      100 W. 5TH Street  
                                     San Pedro, CA

PHONE:                        (310) 732-3810;  
                                     Lobby/Admin: (310) 732-7681

POC:                            Curtis Thompson

AVAILABILITY: Immediate use subject to availability at time of request.

PHYSICAL DESC: 8,500 sq. ft multi-purpose room.

COMMS. CAPABILITY: No phone or fax lines available, although there are four pay phones in lobby of building. Phone and fax lines must be obtained through cellular phone company.

SECURITY: the Coast Guard must provide Security.

LOGISTICS: 704 stack type chairs, 20 rectangular tables, and 30 circular tables are stored in Port Plaza building for use by Coast Guard. There are no lodging or messing facilities in the Port Plaza building.

PARKING: Parking lot has 143 parking stalls (10 for Harbor Department vehicles, and 4 handicap). There is also parking adjacent to the Port Plaza building.

COST: Cost is \$100 per day, plus a \$250.00 security deposit.

#### **5220.12.2 LOS ANGELES HARBOR, L.A. WORLD CRUISE CENTER (WCC)**

ADDRESS: BERTH 93A  
San Pedro, CA

PHONE: (310) 514-4049

POC:

AVAILABILITY: May become available by the end of 1995. If available, it can be occupied immediately if it has not been rented out.

PHYSICAL DESC: 1421 SQ FT irregular shaped office space.

COMMS. CAPABILITY: Four phone/fax lines; more can be brought in if necessary.

SECURITY: WCC employs its own security guards.

LOGISTICS: There are no tables or chairs available. There are no lodging or messing facilities available at WCC.

PARKING: There should be adequate parking at WCC whether there are ships in or not.

COST: \$.90 per SQ FT per month plus utilities.

#### **5220.12.3 LOS ANGELES HARBOR, TRANSIT SHED (SECOND FLOOR)**

ADDRESS: BERTH 154-155  
Wilmington, CA

PHONE: (310) 732-2757

POC:

AVAILABILITY: available for immediate occupancy by Coast Guard

PHYSICAL DESC: Dimensions unknown

COMMS. CAPABILITY: Unknown number of phone/fax lines

SECURITY: Security to be provided by Coast Guard

LOGISTICS: No tables, chairs or lodging available in this office space. However, there is a kitchen and dining room adjacent to the office space.



PARKING: There appears to be adequate parking but the exact number of parking spaces is unknown.

COST: \$.60 per sq. ft. per month plus utilities.

#### **5220.12.4 PORT OF LONG BEACH, GOLDEN SAILS HOTEL**

ADDRESS: 6285 E. Pacific Coast Hwy  
Long Beach, CA 90803

PHONE: (562) 596-1631; Fax (562) 594-0623

POC: Sonya Bergren

AVAILABILITY: Immediate use subject to availability at time of request

PHYSICAL DESC: Room, sizes vary from 378 sq. ft. to 9690 sq. ft.

COMMS. CAPABILITY: Many phone and fax lines available, as well as Xerox machines.

SECURITY: 24 hr. security provided.

LOGISTICS: Tables and chairs are available as well as televisions, VCR's, and overhead projectors. There is a restaurant on site and lodging is available.

PARKING: Adequate parking is available.

COST: Cost varies from \$125.00 to \$1200.00 a day.

#### **5220.12.5 PORT OF LONG BEACH, MARRIOTT COURTYARD**

ADDRESS: 1<sup>st</sup> Street  
Long Beach, CA 90803

PHONE: (562) 901-0210; Fax (562) 901-0296

POC: Ron Hust – General Manager

AVAILABILITY: Immediate use subject to availability at time of request

PHYSICAL DESC: Room, sizes vary from 378 sq. ft. to 9690 sq. ft.

COMMS. CAPABILITY: Many phone and fax lines available, as well as Xerox machines.

SECURITY: 24 hr. security provided.

LOGISTICS: Tables and chairs are available as well as televisions, VCR's, and overhead projectors. There is a restaurant on site and lodging is available.

PARKING: Adequate parking is available.

COST: Cost varies from \$125.00 to \$1200.00 a day.

#### **5220.12.6 HUNTINGTON BEACH, HOLIDAY INN**

ADDRESS: 7667 Center Ave.

Huntington Beach, CA 92647

PHONE: (714) 891-0123

POC: Christopher DeGuzman

AVAILABILITY: Immediate use subject to availability at time of request

PHYSICAL DESC: 2240 sq. ft.

COMMS. CAPABILITY: One phone and one fax available

SECURITY: 24 hr. security

LOGISTICS: Tables, chairs, lodging, and catering available. There is also a restaurant on site.

PARKING: Adequate parking is available

COST: \$60.00 per day

#### **5220.12.7 WIND AND SEA RESTAURANT**

ADDRESS: 34699 Golden Lantern

Dana Point, CA 92629

PHONE: (949) 496-6500; Fax (949) 496-2605

POC: Manager on duty.

AVAILABILITY: Immediate use subject to availability at time of request

PHYSICAL DESC: 2,376 sq. ft.

COMMS. CAPABILITY: Several phone jacks.

SECURITY: Access can be easily controlled because it is upstairs and isolated.

LOGISTICS: Tables, chairs, and catering available. There are several hotels in the area.

PARKING: First come, first serve basis in a very congested parking lot.

COST: \$65.00 per day.

#### **5220.2 Incident Command Post Needs**

Incident command post needs vary from incident to incident. The above incident command posts have immediate access to necessary resources depending upon the incident requirements. Please see above section 5220.1 for pre-designated incident command posts.

#### **5220.3 Berthing**

##### **5220.31 Northern Sector**

San Luis Obispo Visitors Bureau (805) 541-8000

Santa Barbara Visitors Bureau (805) 966-9222  
Ventura Visitors Bureau (805) 648-2075

**5220.32 Southern Sector**

Los Angeles County  
Long Beach Visitors Bureau (562) 436-3645  
Los Angeles Visitors Bureau (213) 624-7300  
Redondo Beach Visitors Bureau (310) 376-6911  
Orange County  
Huntington Beach Visitors Bureau (714) 969-3492  
Newport Beach Visitors Bureau (714) 644-1190

**5220.4 Port/Dock Facilities/Capacities**

**5220.41 Northern Sector Harbor Departments**

Channel Islands Harbor Dept. (in Oxnard) (805) 382-3001  
Ventura Harbor Dept. (805) 642-8618  
Morro Bay Harbor Dept. (805) 772-6254  
Port San Luis Harbor Dept. (805) 595-5400  
Harbor Patrol (805) 595-5435  
Santa Barbara Harbor Dept. 805) 564-5529

**5220.42 Southern Sector Harbor Departments**

Los Angeles County  
Long Beach Marina (562) 437-0041  
Redondo Beach Harbor Department (310) 318-0632  
Port of Long Beach (562) 590-4185  
Port of Los Angeles (310) 519-3500  
Santa Monica Harbor Department (310) 458-8694  
Orange County  
Dana Pt Harbor Patrol (714) 248-2222  
Newport Bay Harbor Department (714) 723-1002  
(also good for Huntington Beach)

**5220.5 Staging Areas**

Refer to Section 9800 of this Plan

**5220.6 Airports/Heliports**

Refer to Section 9800 of this Plan

### **5220.7 Temporary Storage and Disposal Facilities (TSDs)**

Refer to Section 5210 of this Plan

### **5220.8 Maintenance and Fueling Facilities (land/water)**

Refer to Sections 5210 and 9800 of this Plan

### **5220.9 Fish and Wildlife Response Facilities and Resources**

## **5230 Vessel Support**

### **5230.1 Boat Ramps/Launching Areas**

#### **5230.11 Northern Sector**

Anacapa Boatyard	(805) 985-1818
Anacapa Isle Marina	(805) 985-6035
Channel Islands Boat Yard	(805) 984-9273
Channel Islands Marina	(805) 985-7558
Ventura Harbor Boatyard	(805) 654-1433
Vintage Marina	(805) 984-3366

#### **5230.12 Southern Sector**

Los Angeles County	
Cabrillo Marina	(310) ???
Dive N' Surf Inc.	(310) 372-8423
King Harbor Marine	(310) 374-8923
Marina Cove Ltd.	(310) 376-6927
Port Royal Marina	(310) 376-0431
Portofino Inn	(310) 379-8481
Redondo Beach Marina	(310) 374-3481
Redondo Marine Hardware	(310) 376-0512
Orange County	
Basin Marine Shipyard	(714) 673-0360
California Dry Slip	(714) 675-5901
Newport Harbor Shipyard	(714) 723-6800
South Coast Boatyard	(714) 675-2837

### **5230.2 Vessel/Boat Sources**

Refer to Section 5230.1 of this Plan

### **5230.3 Maintenance**

Refer to Section 5230.1 of this Plan

## **5240 Ground Support**

### **5240.1 Vehicle Sources**

For current data, use the Internet or Yellow Pages. A list of vehicle sources is provided below.

#### **5240.11 Northern Sector**

##### **5240.11.1 Cars & Trucks**

ABC Rents-All Trucks	(805) 687-4414
Santa Barbara	
Avis Cars	(805) 964-4848 or
Santa Barbara Airport	(805) 965-1079
Santa Barbara	
Budget Cars/Trucks	(805) 963-6651
Santa Barbara	
Hertz Cars	(805) 967-0411
Santa Barbara Airport	
Hertz Equipment and Truck Rental	(805) 658-9100
Ventura	
Hertz/Penske Trucks	(805) 963-3216
Santa Barbara	
Ryder Trucks	(805) 963-0039
Santa Barbara	

##### **5240.11.2 Buses**

Flynn Charter	(805) 386-5117
Roesch Lines	(909) 885-4465
Equipment Rentals	
ABC Rent-Alls Inc.	(805) 687-4414
CJ Equipment Rentals	(805) 684-4173
	(805) 684-3295 emer.
Chapin's	(805) 656-1123
URENT Inc.	(805) 488-1516

## **5240.12 Southern Sector**

### **5240.12.1 Cars & Trucks**

Avis	(800) 331-1441
Budget	(800) 527-0700
Dollar	(800) 421-6878
Enterprise	(800) 325-8007
Hertz	(800) 654-6511
National	(800) 328-4567
Payless	(800) 541-1566
Thrifty	(800) 367-2277

### **5240.12.2 Equipment Rental**

#### **1. Los Angeles County**

A Rentals Co.	(562) 439-2139
CAL-RENT	(562) 434-9963
Hertz Equipment Rental	(310) 538-8368
Total Equipment Rentals	(562) 595-6555
U.S. Rentals	(562) 422-1283

#### **2. Orange County**

John A. Thomas Crane & Truck	(714) 556-1834
M. L. Bashaw Inc.	(562) 598-9295
U. S. Rentals	(714) 842-7765

### **5240.12.3 Buses**

#### **1. Los Angeles County**

California Charter	(562) 634-7469
Greyhound	(800) 231-2222
Laidlaw Transit Co.	(310) 638-1023
Roesch Lines	(909) 885-4465

#### **2. Orange County**

American Tour & Leasing	(714) 533-6390
Greyhound	(800) 231-2222
Westminster, CA	
Laidlaw Transit Inc.	(310) 638-1023

## **5240.2 Maintenance**

Refer to Section 5240.1 of this Plan

## **5300 Services**

### **5310 Food**

Consult the Internet or phone book for list of providers

#### **5310.1 Catering/Messing Options**

Consult the Internet or phone book for list of providers

### **5320 Medical**

#### **5320.1 Medical Facilities**

##### **5320.11 Northern Sector - Hospitals**

San Luis Obispo County

Arroyo Grande Community Hospital	(805) 489-4261
	(805) 473-7626 (E.R.)

French Hospital	(805) 543-5353
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General Hospital	(805) 781-4800
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Marian Medical Center	(805) 922-5811
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Sierra Vista Regional Med Center	(805) 546-7650
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Twin Cities Community Hospital	(805) 434-3500
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Santa Barbara County

Goleta Valley Cottage Hospital	(805) 967-3411
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Ventura County

Community Memorial Hospital	(805) 652-5011
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##### **5320.12 Southern Sector - Hospitals**

Los Angeles County

Long Beach Memorial Hospital	(562) 933-2000
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Orange County

Hoag Hospital	(714) 760-2372
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#### **5320.2 Ambulance/EMS Services**

Call 911 for immediate assistance

## **5400 Communications**

### **5410 Communications Plan**

#### **5410.1 Incident Communications**

The primary purpose of this annex is to establish which radio frequencies will be used for interagency communication in an oil spill response. Most of the frequencies are within the marine band of the VHF-FM spectrum. Section 5370 is a graphic representation of this frequency allocation. A secondary purpose is to identify the operating frequencies used by principal federal and state agencies, and provide an overview of those agencies' capabilities and resources.

##### **5410.11 Unified Command Calling and Coordination Frequency**

Channel 83A (157.175Mhz) has been chosen as the frequency for communication between the Coast Guard and OSPR. This frequency will also be used for communications with USCG and OSPR aircraft involved in the response operation.

##### **5410.12 Unified Command/Responsible Party Calling and Coordination Frequency**

150.980Mhz has been designated as the frequency for communication between the Coast Guard or OSPR and the Responsible Party and the major co-ops in this Area of Responsibility.

##### **5410.13 U.S. Coast Guard working frequencies:**

Channel 81A (157.075Mhz) has been designated as the frequency for communication between U.S. Coast Guard units and other Coast Guard personnel who are part of the FOSC staff.

Channel 21A - primary working/SAR frequency used by Station Channel Islands Harbor

Channel 23A - primary working/SAR frequency used by Station Los Angeles.

Channel 16 - (156.8Mhz) Designated under international convention for use for ship-to-ship hailing and distress in international waters. ALL users are required to use channel 16 for only these purposes and then switch to other channels for subsequent communications. Oil spill response is no exception.

Channel 13 - (156.65Mhz) Designated as bridge-to-bridge hailing and navigation safety frequency in inland and offshore waters. It may be used only to establish contact and make arrangements between vessels in crossing, meeting, or overtaking situations in accordance with the International or Inland Navigation Rules.



#### **5410.14 Safety Frequency**

Channel 06 (156.3Mhz) is designated as the frequency, which may be used by all parties for communication on matters involving human health and safety. FCC regulations require all vessels equipped with VHF-FM capability to have this channel.

#### **5410.15 CA Office of Oil Spill Prevention and Response (OSPR) working frequency**

In central and northern California, OSPR wardens' and biologists' working frequencies are 159.435Mhz (TX) and 151.415Mhz (Rx). However, OSPR wardens do have radios with VHF channel 83A, and this may be the best way to establish and maintain contact between them and CG first responders in the initial stages of a spill response.

#### **5410.16 County OES and local government agency operating frequencies**

County OES's and local government agencies such as police, fire, county sheriffs, and environmental health departments have frequencies and communications systems established within their counties. It is not the intent of this plan to interfere with or change those established systems. CALCORD (156.075Mhz) is the frequency to be used for coordination among those agencies and between those agencies and OSPR.

#### **5410.17 Intra-agency and Intra-company communications**

It is expected that each government agency and private company involved in the response operation will continue to use its own normal working frequency(s) for internal communication.

#### **5410.18 Alternate oil spill containment and cleanup frequencies**

47 CFR Part 90.65 designates the frequencies listed below as available for use in oil spill containment and cleanup operations.

- (1) 36.25Mhz VHF-FM
- (2) 41.71Mhz VHF-FM
- (3) 154.585Mhz VHF-FM
- (4) 158.445Mhz VHF-FM
- (5) 159.480Mhz VHF-FM
- (6) 454.000Mhz UHF\*
- (7) 459.000Mhz UHF\*

\*these are the primary operating frequencies used by the co-ops Clean Bay and Marine Spill Response Corporation

#### **5410.2 Communications Support**

Refer to Section 5410.3 or 5410.4 of this Plan

### 5410.3 Coast Guard Communication Capabilities

The Coast Guard **Marine Safety Office** in Alameda is equipped only with a Marine Band radio in its watch office. Transmitting from its high site on Mt. Tamalpais in Marin County, it has a reliable range of approximately 20 miles, which covers the Gulf of the Farallones.

However, the Coast Guard has a system of high sites along the coast designed to provide VHF-FM and HF coverage of the entire coast. Coast Guard Groups Monterey, San Francisco, and Humboldt Bay all have VHF phone patch capability; therefore the SECTOR Command Duty Officer (CDO) should be able to communicate with any vessel within range of one of the repeaters. The locations of these repeaters are listed in Figure 3320.9a. By phone patch through Communications Area Master Station Pacific (CAMSPAC), located at Pt. Reyes, the SECTOR watch office could communicate on HF frequencies to a vessel offshore anywhere off the coast of California.

The Coast Guard **Pacific Strike Team** possesses a cache of programmable hand-held VHF-FM radios and a computer, which can tune those radios to any desired frequency. The Strike Team also owns several portable repeaters, which can be tuned to a desired frequency and deployed wherever necessary. It also has one portable INMARSAT telephone system.

#### SECTOR Mobile Command Post

The SECTOR Mobile Command Post is a communications equipped two-person, 20ft trailer. It is capable of providing temporary land-based communications support for pollution investigators at the spill site. Although not a fully independent Command and Control platform the Command Post can act as a relay point via facsimile, and cellular phone to a more reliable Communications-equipped unit. The SECTOR Command Post currently has the following equipment:

- (1) Mitsubishi (Model f10) facsimile. Used in conjunction with the Nokia cellular phone.
- (2) Nokia LX11T Cellular Mobile telephone and power supply.
- (3) One Motorola MCX1000 VHF-FM Radio (25 Watts).
- (4) MX300 Remote VHF-FM Radio (Dashboard Console)  
(25 Watts)

#### Pacific Strike Team Command Trailer

Pacific Strike Team also has a Communications/Mobile Command Post trailer equipped with VHF-FM radio and multiple line telephones.

#### Coast Guard VHF-FM High Sites

<u>HIGH SITE</u>	<u>LOCATION</u>	<u>CONTROL</u>	<u>ELEVATION</u>
(A) Point St. George	41-45N 124-15W	Gru Humboldt Bay	200Ft
(B) Trinidad Head	39-41N 124-10W	Gru Humboldt Bay	300Ft
(C) Cahto Peak Bay	39-41N 123-35W	Gru Humboldt Bay	4200Ft
(D) Pt. Cabrillo	39-25N 123-45W	Sta Noyo River	50Ft

(E) Mt. Jenner	38-29N 123-11W	Sta Bodega Bay	1330Ft
(F) Mt. Umunhum	37-09N 121-54W	Gru San Francisco	3380Ft
(G) Pt. Sur Light	36-18N 121-54W	Gru San Francisco	200Ft
(H) Cambria	35-32N 121-15W	Gru LALB	500Ft
(I) Tranquillion Mt.	34-35N 120-33W	Gru LALB	2170Ft
(J) Laguna Peak	34-07N 119-04W	Gru LALB	1457Ft
(K) San Pedro Hill	33-45N 118-20W	Gru LALB	1480Ft

#### Coast Guard HF High Sites

(J) Arcata	52-00N 124-05W	Gru Humboldt Bay	N/A
(K) Pt. Arena	38-57N 124-44W	Gru Humboldt Bay	N/A
(L) Pt. Bonita	37-48N 122-32W	Gru San Francisco	N/A
(M) Pt. Pinos	36-38N 121-56W	Gru San Francisco	N/A
(N) Cambria	35-32N 121-15W	Gru LALB	500Ft

#### Transportable Communication Centers (TCC'S)

The TCC is a self-contained, rapidly deployable Coast Guard manned and maintained Communications Module. It can provide a full range of telecommunications capabilities to support a large oil spill response. These include:

- point to point, air/ground, ship/shore, and shore side radio communications (secure or non-secure) in the HF, VHF and UHF bands.
- different types of antennas for best propagation and coverage in remote and uneven terrain
- cellular telephone (secure, non-secure, and computer/data link)
- INMARSAT (satellite telephone system)
- Landline phone bank of over 100 lines

One TCC is located at the Coast Guard Communications Area Master Station Pacific (CAMSPAC) at Pt. Reyes, CA in a six hour (B-6) recall status. It can be towed by truck or airlifted by helicopter. Aviation Electronic Technicians and Radiomen accompany the units. The TCC can be powered by generators (which accompany the unit) or directly connected to a power source. The full antenna setup requires an area of approximately 200 feet by 200 feet. These are important considerations in the decision where to locate the unit and perhaps the forward command post.

#### OSPR Communications Capabilities:

OSPR also has a system of repeaters and high sites throughout the state. At present coastal coverage is approximately 75%. However, two portable repeaters are also available to provide coverage in remote areas and provide for a local net at a spill site. OSPR vehicles and personnel throughout the state have VHF-FM radios (150-174Mhz), and OSPR has a cache of 34 handheld "pool" radios for use by other agencies or groups assisting in spill response. The OSPR Communications Manager is Mr. Brian Groves (916-324-7994).

#### Mobile Communications Staging Areas

The selected shore side staging area for multi-agency operations will be directed via landline, or on CH83A VHF-FM Coordination NET. Once a communications site has been selected, mobile communications vehicles and trailers should be located no closer than 25ft to each other. The need for alternate or multiple staging areas and attendant communications coverage will depend on the extent of the coastal area affected by the spill.

#### Communications Status Charts

In order for all response agencies to effectively organize communications efforts, information on communications status must be shared by all agencies at the staging area. Once mobile communications trailers are in place, and agencies have checked into CH83A, a communications status chart listing each agencies' guard requirements should be prepared and updated as situations dictate. All agencies should fill in the appropriate information on a chart similar to the Communications Status Chart (Figure 5000.C) on the next page. The communications status chart should also be reproduced in paper form and distributed to all other response agencies located at the staging area. Additional updates or changes in unit status may be relayed via CH83A once communication status charts have been distributed.

#### Security Awareness

Radio communications, unless encrypted for secure transmission, are subject to electronic surveillance and monitoring by private citizens and the public media. All agencies should be security conscious before transmitting information by radio that may be considered media sensitive, proprietary, or private. Good judgment is the only rule that applies; however, public affairs representatives should be consulted for guidance in specific instances if necessary.

#### 5410.4 Communications Facilities

Company	Location	Quantity	Modulation Frequencies	Make / Model	Mob Time
Allwaste	Long Beach	36	Single Channel	Trucks	1 HR
		8	Single Channel	Handheld	4 HR
				Cellular phones	
				Pagers	
Ancon	Wilmington	3		Toshiba computers	
				DTK Response Center	
		10		Cellular Phones	
		28	UHF	Radios	
		3	VHF	Portable Radios	
Clean Seas	Clean Seas Office	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF/UHF Base station	
		24	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	UHF/VHF Yaesu radios	
	Clean Seas Yard	1	UHF	Transportable repeater	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF/UHF Base station	
	Santa Ynez Peak	1	VHF 158.445 MHz	Repeater	
	Davis Peak	1	VHF 153.350 MHz	Repeater	
	Mobile Command Center	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF/UHF Base station	
	Company Cars	7	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF/UHF Mobile units	
		16	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF Motorola radios	
		16		UHF Motorola radios	
	Mr. Clean I	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF mobile unit	
		1		UHF Mobile unit	

### 5410.41 Communications Equipment & Frequencies

Company	Location	Quantity	Modulation Frequencies	Make / Model	Mob Time
	Mr. Clean II	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF mobile units	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
Clean Seas (cont)	Mr. Clean III	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF mobile units	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
	Dash	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF mobile units	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
	Dawn	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	VHF mobile units	
		1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
	Comet	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
	Ajax	1	VHF(159.480/158.445 MHz), UHF(454.00/459.00 MHz)	Marine VHF radio	
	Vessels / Vehicles	17		Cellular Phones	
FOSS	Long Beach	1	VHF 452.25-457 MHz	Base station	1 HR
		1	VHF 452.25-457 MHz	UHF	1 HR
		1		VHF	1 HR
				Cellular phones	1 HR
CCW	Clean Waters I	1	454.000MHz, 459.000MHz	UHF Base station	
		1	158.445 MHz, 159.480 MHz	VHF Trunk base	
		1	454.000MHz, 459.000MHz	UHF Trunk base	
		1	158.445 MHz, 159.480 MHz	VHF Base station	

### Communications Equipment & Frequencies

Company	Location	Quantity	Modulation Frequencies	Make / Model	Mob Time
		2		Marine VHF	
		1	454.000MHz 459.000 MHz	HT 600 Port. unit	
		1	454.000MHz 459.000 MHz	MX 320 Port radio	
		1		Cellular phone	
	Long Beach Office	1	158.445 MHz, 159.480 MHz	VHF Base station	
		1	454.000 MHz, 459.000 MHz	UHF Base station	
		12	454.000MHz 459.000 MHz	HT 600 Port. unit	
		6	454.000MHz 459.000 MHz	MX 320 Port radio	
		3	158.445 MHz, 159.480 MHz	MX 320 Port radio	
		5		Marine VHF	
	Storage yard LB	1	158.445 MHz, 159.480 MHz	VHF Base unit	
		1	454.000MHz 459.000 MHz	UHF Portable Repeater	
	Mobile Command Center	2	454.000 MHz, 459.000 MHz	UHF Trunk base	
		2	158.445 MHz, 159.480 MHz	VHF Trunk base	
		6		UHF Portable radios	
		6	454.000MHz 459.000 MHz	MX 320 Port radio	
		2		Cellular phone	
		1		VHF Marine 55 Channel	
		1		Hardwire 2 line phone	
	Recovery I	1	454.000MHz, 459.000MHz	UHF Mobile base	
		2		Marine VHF	
	Recovery II	1	454.000MHz, 459.000MHz	UHF Mobile base	
		2		Marine VHF	
	CCW Spirit	1	454.000MHz, 459.000MHz	UHF Mobile base	
		2		Marine VHF	
	Recon 1,2,3,4	4	454.000MHz, 459.000MHz	UHF Mobile base	
		4		Marine VHF	
	Response 1,2,3	3	454.000MHz, 459.000MHz	UHF Mobile base	

### Communications Equipment & Frequencies

Company	Location	Quantity	Modulation Frequencies	Make / Model	Mob Time
		3		Marine VHF	
	Manager's car	1	454.000MHz, 459.000MHz	UHF Mobile base	
		1		VHF Marine band	
		1		Cellular phone	
	Asst. Manager's car	1	454.000MHz, 459.000MHz	UHF Mobile base	
		1	454.000MHz 459.000 MHz	HT 600 Port. unit	
		1		VHF Marine band	
		1		Cellular phone	
	Ops. Supv. Truck	1	454.000MHz, 459.000MHz	UHF Mobile base	
		1	454.000MHz 459.000 MHz	HT 600 Port. unit	
		1		Cellular phone	
	Ops. Foreman's Trk	1	454.000MHz 459.000 MHz	HT 600 Port. unit	
		1	454.000MHz 459.000 MHz	UHF Mobile base	
			158.445 MHz, 159,.480 MHz	UHF trunk base	
	Crew cab truck	2	454.000MHz 459.000 MHz	UHF Mobile base	
	S-15 Truck	1	454.000MHz 459.000 MHz	UHF Mobile base	
	Portables	6		Marine VHF	



**5410.42 Communications Status Chard**

COMMUNICATIONS STATUS CHART AGENCY: \_\_\_\_\_

COMMAND POST: \_\_\_\_\_ FREQUENCY GUARD: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

<u>FIELD UNIT</u>	<u>CALL SIGN</u>	<u>STATUS</u>	<u>FREQUENCY</u>
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

<u>OTHER AGENCIES ON SCENE</u>	<u>FREQUENCY</u>	<u>CELLULAR</u>
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_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

MISCELLANEOUS

\_\_\_\_\_  
NOTE: Other personnel and services not listed here should be included  
as an appendix "pull-out" or hyperlink

**5500 Reserved**

**5600 Reserved**

**5700 Reserved**

**5800 Reserved**

**5900 Air Resources**

**5910 U. S. Coast Guard Aircraft**

Location	Number/Type
Humboldt Bay	3 HH65A
Los Angeles	3 HH65A
San Diego	3 HH-60J
San Francisco	3 HH-65
Sacramento	3 HC-130

**5920 State Agency Aircraft**

- (# of) Aircraft & Type/Passengers
  - a. Type of Missions or restrictions
  - b. Special Equipment

**5920.1 DEPARTMENT OF FISH & GAME**

Contact: OSPR Spill Coordinator

- (4) Cessna 185, single engine/3
  - a. On or near shore
  - b. Fish & Game radio
- (2) Partenavia Observer light twin engine
  - a) Over water recon Air/ground search
  - b) aerial photo, vertical camera hatch
- (1) Cessna 337, light twin engine/3passenger
  - a. Over water recon
  - b. Fish & Game radio, water survival gear
- King Air 200, medium twin engine/8
  - a. On shore
  - b. Fish & game radio, no water survival gear

**5920.2 DEPARTMENT OF FORESTRY & FIRE PROTECTION**

Contact: OSPR Spill Coordinator to the State wide emergency command center: daytime (916) 653-8360, 24 hours (916) 653-8362

- (1) Beechcraft BE-55, light twin engine/3
  - a) On shore
  - b) No special equipment
- (1) Beechcraft BE-58, medium twin engine/4
  - a) On shore personnel and equipment transport
  - b) No special equipment

- (1) Cessna 337, light twin engine/2
  - a) On shore recon.
  - b) Infrared sensor, (FLIR) equipment, no water survival gear
- (8) Helicopters, B-205/9
  - a) On shore, personnel and equipment transport
  - b) Sling load equipment, no water survival gear

### **5920.3 DEPARTMENT OF CALIFORNIA HIGHWAY PATROL**

Contact: OSPR Spill Coordinator to the Sacramento Communication Center,  
(916) 445-2211

- (14) Cessna 185, light single engine/3
  - a) On or near shore
  - b) Multi freq. band recon comms radios, no water survival gear
- (9) Helicopters, light single engine/3 to 4
  - a) On shore personnel & equipment transport
  - b) Multi freq. band comms radios, no water survival gear

\*\*\* NOTE: The department of Fish & Game airplanes are the primary units available.  
Other agency aircraft are available depending on operation status and their priority needs.

### **5930 Civilian Aircraft**

#### **Air Response, Inc.**

4949 E. Falcon Dr.  
Mesa, AZ 85205  
602-844-0800

- (1) DC-4, medium multi-engine
  - Day, VFR, offshore, cargo
  - Aerial spraying, dispersant spraying

#### **AMERIFLIGHT**

4700 Empire Ave., Hanger 1  
Burbank, CA 91505  
818-980-5005

- (1) Falcon 20 small or medium sized
  - Unknown
  - Unknown
- (3) Lear 35A
  - Cargo & personnel
  - None
- (13) Beech 99
  - Transport
  - None
- (5) Cessna 208
  - Unknown
  - Unknown

**ASPEN HELICOPTERS, INC.**

2899 West 5th St.  
Oxnard, CA 93030  
805-985-5416

- (1) Bell 206 BIII
  - Onshore/offshore
  - None
- (1) Bell 206 L1
  - passenger & cargo
  - None
- (2) Partnavia
  - transportation (internal & external)
  - aerial survey, aerial dispersant spraying
- (1) Piper Chieftain
  - Unknown
  - Unknown
- (2) Bell 206 L3
  - Unknown
  - Unknown
- (1) Bell 222
  - Unknown
  - Unknown

**BIEGERT AVIATION, INC.**

Memorial Airport  
22022 S. Price Rd.  
Chandler, AZ 85248  
520-796-2400

- No aircraft N/A
- (2) Spray Adds Packs, Dispersant spraying, Roll-on/Roll-off spraying package for C-130 aircraft

**BRILES WINGS & HELICOPTERS, INC.**

16303 Waterman Dr.  
Van Nuys, CA 91406  
818-994-1445

- (5) Bell 206B/4
  - Day
  - VFR, onshore & offshore transport
- (4) Bell 206L/6
  - Day
  - VFR, onshore & offshore transport

## **BUSINESS JET SOLUTIONS**

19301 Campus Drive  
Santa Ana, CA 92707  
714-852-8300  
fax 714-852-684

Various aircraft & helicopters Available, including Gulfstream IV, Challengers, Learjets, Citations, King Airs, Bell Jet Ranger (helo), Bell Long Ranger (helo), & Augusta (helo). Turbojets can carry up to 16 personnel.

- a) Day, night, VFR, IFR, onshore/offshore, Executive transport, light to medium cargo transport.
- b) None

## **PETROLEUM HELICOPTERS, INC.**

302 Moffett Place  
Goleta, CA 93117  
(Santa Barbara Airport)  
805-964-0684

(1) Bell 206L/6

Onshore & offshore personnel/cargo transport, internal/external loads, aerial survey, dispersant.

None

(1) Bell 212/13

Onshore & offshore personnel/cargo transport, internal/external loads, aerial survey, dispersant.

None

(1) Bell 412/13

Onshore & offshore personnel/cargo transport, internal/external loads, aerial survey, dispersant.

None

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